

PATENT COOPERATION TREATY

From: the INTERNATIONAL SEARCHING AUTHORITY

PCT

NOTIFICATION OF TRANSMITTAL OF
THE INTERNATIONAL SEARCH REPORT
OR THE DECLARATION

(PCT Rule 44.1)

To:
SCIENTIFIC-ATLANTA, INC.
INTELLECTUAL PROPERTY DEPARTMENT
Attn: Gardner, Kelly A.
5030 SUGARLOAF PARKWAY
LAWRENCEVILLE, GEORGIA
UNITED STATES OF AMERICA

Date of mailing
(day/month/year) 29/04/2002

Applicant's or agent's file reference
F-6286-PC

FOR FURTHER ACTION See paragraphs 1 and 4 below

International application No
PCT/US 01/14150

International filing date
(day/month/year) 02/05/2001

Applicant:

SCIENTIFIC-ATLANTA, INC.

1. ☒ The applicant is hereby notified that the International Search Report has been established and is transmitted herewith.

Filing of amendments and statement under Article 19:

The applicant is entitled, if he so wishes, to amend the claims of the international Application (see Rule 46):

When? The time limit for filing such amendments is normally 2 months from the date of transmittal of the International Search Report, however, for more details, see the notes on the accompanying sheet.

Where? Directly to the International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland
Fascimile No.: (41-22) 740.14.35

For more detailed instructions, see the notes on the accompanying sheet.

2. ☐ The applicant is hereby notified that no International Search Report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith.

3. ☐ With regard to the protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:

☐ the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.

☐ no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

4. **Further action(s):** The applicant is reminded of the following:

Shortly after 18 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis 3, respectively, before the completion of the technical preparations for international publication.

Within 19 months from the priority date, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later).

Within 20 months from the priority date, the applicant must perform the prescribed acts for entry into the national phase before all designated Offices which have not been elected in the demand or in a later election within 19 months from the priority date or could not be elected because they are not bound by Chapter II.

Name and mailing address of the International Searching Authority



European Patent Office, P.O. Box 5818 Patentlaan 2
NL-2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl.
Fax. (+31-70) 340-3016

Authorized officer

Mustafa Corapci



PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference F-6286-PC	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/US 01/14150	International filing date (day/month/year) 02/05/2001	(Earliest) Priority Date (day/month/year) 04/05/2000
Applicant SCIENTIFIC-ATLANTA, INC.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 6 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(c)).
- b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:
- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

2. ☐ Certain claims were found unsearchable (See Box I).

3. ☐ Unity of invention is lacking (see Box II)

4. With regard to the title,



the text is approved as submitted by the applicant.



the text has been established by this Authority to read as follows:

NAVIGATION MENU FOR ACCESS TO TELEVISION SERVICES

5. With regard to the abstract,



the text is approved as submitted by the applicant.



the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No.



as suggested by the applicant.

2.



None of the figures.



because the applicant failed to suggest a figure.



because this figure better characterizes the invention.

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/US 01/14150

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04N5/445

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 98 56188 A (SONY ELECTRONICS INC) 10 December 1998 (1998-12-10) the whole document	1-10, 13-17, 20, 21, 39-42, 44
X	EP 0 811 939 A (WEBTV NETWORKS INC) 10 December 1997 (1997-12-10) column 17, line 5 -column 19, line 22; figures 11,12	26, 28, 29
X	US 5 828 419 A (BRUETTE JEFF ET AL) 27 October 1998 (1998-10-27) the whole document	26
X	EP 0 854 645 A (TEXAS INSTRUMENTS INC) 22 July 1998 (1998-07-22) column 17, line 43 -column 18, line 16	26
-/-		

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"A" document member of the same patent family

Date of the actual completion of the international search

18 April 2002

Date of mailing of the international search report

29 04 2002

Name and mailing address of the ISA
European Patent Office, P B 5618 Palisstraan 2
NL - 2280 HV Rijswijk
Tel (+31-70) 340-2040, Tx 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Yvonnet, J

INT. NATIONAL SEARCH REPORT

International Application No.

PCT/US 01/14150

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99 04561 A (SCHOAFF P CHRISTOPHER ;ALEXANDER RON (US); GUIDE E INC (US); HANCO) 28 January 1999 (1999-01-28) paragraph '000D! -----	26, 31
X	WO 99 35831 A (SCHULTHEISS CHRISTOPHER J ;CUTLER TODD D (US); SUPERGUIDE CORP (US) 15 July 1999 (1999-07-15) figure 16 -----	32
X	US 5 850 218 A (JOHNSON STEPHEN M ET AL) 15 December 1998 (1998-12-15) column 27, line 46 - line 50; figure 21 -----	32
X	EP 0 909 095 A (DISCOVERY COMMUNICAT INC) 14 April 1999 (1999-04-14) paragraph '0207! -----	37
X	GB 2 343 051 A (SONY UK LTD) 26 April 2000 (2000-04-26) page 9, line 6 - line 7 page 15, line 18 - line 22 -----	37

INTL IATIONAL SEARCH REPORT

Information on patent family members

International Application No.

PCT/US 01/14150

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9856188 A	10-12-1998	US 6195692 B1	27-02-2001
		US 6028600 A	22-02-2000
		US 6072483 A	06-06-2000
		US 6260192 B1	10-07-2001
		AU 7446798 A	21-12-1998
		EP 1143731 A1	10-10-2001
		EP 0986901 A2	22-03-2000
		WO 9856188 A2	10-12-1998
		JP 2002507344 T	05-03-2002
		US 6295057 B1	25-09-2001
EP 0811939 A	10-12-1997	US 5918013 A	29-06-1999
		AU 3375197 A	05-01-1998
		EP 0811939 A2	10-12-1997
		JP 10228437 A	25-08-1998
		KR 274738 B1	15-12-2000
		US 2001003823 A1	14-06-2001
		WO 9746943 A1	11-12-1997
		US 6023268 A	08-02-2000
		US 6230319 B1	08-05-2001
		US 6141693 A	31-10-2000
		US 6330606 B1	11-12-2001
		US 6311207 B1	30-10-2001
		US 6332157 B1	18-12-2001
		US 6259442 B1	10-07-2001
		US 6308222 B1	23-10-2001
		US 5940074 A	17-08-1999
		US 6073168 A	06-06-2000
		US 5935207 A	10-08-1999
		US 5996022 A	30-11-1999
		US 5974461 A	26-10-1999
		US 2002013812 A1	31-01-2002
US 5828419 A	27-10-1998	EP 0934659 A1	11-08-1999
EP 0854645 A	22-07-1998	EP 0854645 A2	22-07-1998
		JP 10207914 A	07-08-1998
		SG 67469 A1	21-09-1999
		TW 435046 B	16-05-2001
		US 6163316 A	19-12-2000
WO 9904561 A	28-01-1999	AU 733993 B2	31-05-2001
		AU 8504898 A	10-02-1999
		BR 9812104 A	18-07-2000
		CN 1290452 T	04-04-2001
		EP 1036466 A1	20-09-2000
		JP 2001513595 T	04-09-2001
		US 6122011 A	19-09-2000
		WO 9904561 A1	28-01-1999
		US 6177931 B1	23-01-2001
		US 6217435 B1	17-04-2001
WO 9935831 A	15-07-1999	AU 2109999 A	26-07-1999
		BR 9907289 A	17-10-2000
		CA 2317758 A1	15-07-1999
		EP 1046285 A1	25-10-2000
		JP 2002501344 T	15-01-2002
		WO 9935831 A1	15-07-1999

INT. NATIONAL SEARCH REPORT

Information on patent family members

International Application No.

PCT/US 01/14150

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 5850218	A	15-12-1998	AU	6176298 A	09-09-1998
			AU	6176398 A	09-09-1998
			BR	9807709 A	02-05-2000
			DE	69801900 D1	08-11-2001
			EP	0962096 A1	08-12-1999
			JP	2001508978 T	03-07-2001
			WO	9837694 A1	27-08-1998
			WO	9837695 A1	27-08-1998
<hr/>					
EP 0909095	A	14-04-1999	EP	0909095 A1	14-04-1999
			AT	177277 T	15-03-1999
			AT	199294 T	15-03-2001
			AT	176840 T	15-03-1999
			AT	192005 T	15-05-2000
			AT	190180 T	15-03-2000
			AT	183352 T	15-08-1999
			AT	176841 T	15-03-1999
			AT	197366 T	15-11-2000
			AT	214534 T	15-03-2002
			AU	715683 B2	10-02-2000
			AU	4440797 A	29-01-1998
			AU	712157 B2	28-10-1999
			AU	4532597 A	05-02-1998
			AU	693775 B2	09-07-1998
			AU	5732994 A	04-07-1994
			AU	692427 B2	11-06-1998
			AU	5733094 A	04-07-1994
			AU	691479 B2	21-05-1998
			AU	5733194 A	04-07-1994
			AU	692428 B2	11-06-1998
			AU	5733294 A	04-07-1994
			AU	5736394 A	04-07-1994
			AU	5845894 A	22-06-1994
			AU	5869894 A	04-07-1994
			AU	716184 B2	24-02-2000
			AU	6066798 A	04-06-1998
			AU	716182 B2	24-02-2000
			AU	6066898 A	04-06-1998
			BR	9307619 A	15-06-1999
			BR	9307620 A	10-08-1999
			BR	9307621 A	15-06-1999
			BR	9307622 A	15-06-1999
			BR	9307623 A	16-05-2000
			BR	9307624 A	15-06-1999
			BR	9307625 A	31-08-1999
			CA	2151456 A1	23-06-1994
			CA	2151457 A1	23-06-1994
			CA	2151458 A1	23-06-1994
			CA	2151459 A1	23-06-1994
			CA	2151460 A1	23-06-1994
			CA	2151461 A1	09-06-1994
			CA	2151462 A1	23-06-1994
			CN	1259826 A	12-07-2000
			CN	1259827 A	12-07-2000
			CN	1276682 A	13-12-2000
			CN	1276683 A	13-12-2000
			CN	1276684 A	13-12-2000
			CN	1276685 A	13-12-2000

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.

PCT/US 01/14150

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0909095	A	CN 1284814 A	21-02-2001
GB 2343051	A	26-04-2000	NONE